# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



A241,71 An5M



### MONTHLY

## BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 11, NO. 1, JANUARY 1973

(PAGE NOS. 1 - 17)

NATIONAL AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
RECEIVED
MAR & 1973
PROCUREMENT SERIAL RECORDS
CURRENT SERIAL RECORDS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLUM ISLAND ANIMAL DISEASE LABORATORY
POST OFFICE BOX 848
GREENPORT, LONG ISLAND, NEW YORK 11944

1.00

ME IN IN THE REPORT OF

n na 100 metatuk bilangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan peng Pengangan pengangan

TO THE THE THE THE TOTAL PROPERTY OF THE TOT

## EXPLANATORY NOTE

- ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
- DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
- MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
- 4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
- ON THE RIGHT MARGIN: 5.

- Article appears in a periodical (journal) in library. PIL

PIL/A - Article authored by PIADL staff member(s).

NUMBER - Publication is available in "Reprint-File" under indicated number.

LIBR. CLASSIF. CALL NUMBER - Book is available in library. CIRC. FILE - Publication is in Circulating Files in library.

## MULTIPLE SUBJECT AREA

ALLISON, A.C.

Immune responses in persistent virus infections.

Scrapie; Visna.

J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),

6:121-131, 1972.

In: Host-Virus React. with Spec. Ref. to Persistent Agents, p. 121-131, ed. by G. Dick. London, ∠ Br. Med. Assoc. J, 158 p., illus., 1972. RC 114.5 R6

BABIKER, H.A.S.

Some observations on Abu nini, a contagious pleuropneumonia of goats in the Sudan.

CCPP; CBPP.

Sudan J. Vet. Sci. Anim. Husb. 12(2):73-81, 1971.

PIL

BARBANTI-BRODANO, G.

Molecular events accompanying slow virus

infections at the cellular level.

Scrapie; Visna.

Ann. Inst. Pasteur (Paris) 123(4):553-563, 1972.

PIL

CAPORALE, V.

La problematica delle virosi ad evoluzione lenta.

Scrapie; Visna.

Vet. Ital. 23(5-6):348-366, 1972.

PIL

CATHALA, F., and BRCWN, P.

The possible viral aetiology of disseminated sclerosis.

Visna; Scrapie.

J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),

6:141-151, 1972.

In: Host-Virus React. with Spec. Ref. to Persistent Agents, p. 141-151, ed. by G. Dick. London,

∠ Br. Med. Assoc. J, 158 p., illus., 1972. RC 114.5 R6

aff a MaOlecul

CELERATE WE DESCRIPT THE COURT OF THE COURT

Fig. 1 Latin ver in jaigsta Fi Light gata Fi Light gata Fi

ACT OF AC

s de la composición del composición de la compos

```
MULTIPLE SUBJECT AREA
   DOHERTY, R.L.
     Man and beast - some medical thoughts on
            veterinary research.
               Ephemeral fever; Teschen; Rida; Visna; Scrapie.
         Aust. Vet. J. 48(11):619-621, 1972.
                                                                         PIL
  FRASER, K.B.
      Systems of virus survival.
               Visna; Scrapie.
            J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
            6:152-153, 1972.
         In: Host-Virus React. with Spec. Ref. to Persistent
              Agents, p. 152-153, ed. by G. Dick. London,
                                                               RC 114.5 R6
              / Br. Med. Assoc. /, 158 p., illus., 1972.
  FURNESS, G.
      T-mycoplasmas: their growth and production of a
            toxic substance in broth.
               CBPP; CCPP.
         J. Infect. Dis. 127(1):9-16, 1973.
                                                                         PIL
   INABA, Y., and others.*
      Bovine respiratory syncytial virus. Studies
            on an outbreak in Japan, 1968-1969.
               Bluetongue-Cattle; Ephemeral fever.
         Jap. J. Microbiol. 16(5):373-383, 1972.
                                                                         PIL
      *Y. Tanaka, K. Sato, T. Omori, and M. Matumoto.
  KATO, H., and others.*
      Sensitivities in vitro to antibiotics of Mycoplasma
            isolated from canine sources.
               CBPP; Cont. agalactia.
         Jap. J. Vet. Sci. 34(4):197-206, 1972.
                                                                         PIL
      *T. Murakami, S. Takase, and K. Ono.
   MAYR, A.
      Belebte Krankheitsursachen.
               Borna; Scrapie; Visna; FMD.
            In: Allg. Pathol., 6. Auflage, p. 44-86.
                 Berlin, Verlag Paul Parey, 1972.
         Repr. in: Arb. Inst. Mikrobiol. Infektionskr.
            Tiere Ludwig Maximilians-Univ., München
                                                                   SF 745 L4
            7:No. 2, 1971/72.
   MEULEN, V. ter
      Viral etiology of human chronic encephalopathy.
               Visna; Scrapie.
                                                                         PIL
         Ann. Inst. Pasteur (Paris) 123(4):521-536, 1972.
```

NOVOKHATSKII, A.S., BATALINA, T.A., and ERSHOV, F.I. Effect of RNase on the multiplication of Venezuelan equine encephalomyelitis and vesicular stomatitis viruses. VEE; VSV. Ingibitory Virus. Akt., p. 141-146, ed.

by E. Plandere. Riga, USSR, 'Zinatne', 1972(Russ.). Chem. Abstr. 77(25).57(160476c). 1972.

PTL

THE STATE OF ens ysveis Do Jakan erdi DJJM Jakan erd figst aan san si INGER OF THE  $x^{2} = x^{2} + x^{2$ John Rus - Christian St. Today - Christian Walter - Christian H 2.41 T :6 2 2 1B JITT description of the second of t i daf -1 1 and the second of the second o ola e (f) Le la esta e esta e egite day . . . taxasay (I) LEUM Le l'Hammin Leumin Le Markin Mark Grand III Le Markin THE FRE 

> A. de Angle 物理 A. diff Lewis ex

ு.

X. 1

KOUBA, V., and STRAKA, J. Africky mor prasat na Kube a jeho uspesna likvidace. / African swine fever in Cuba and its successful eradication. / Veterinarstvi 22(7):298-300, 1972(Czech.). Index Vet. 40(10):113, 1972.

## PIL

## BLUETONGUE DISEASE IN CATTLE (IBARAKI VIRUS)

SIPPEL, W.L. Bluetongue in cattle. Cattleman 59(3):160, 1972. Bibliogr. Agric. 36(12):55(120942), 1972.

PIL

TURUS - FEETEN 1.00 100 mg Ber Y. 1 100 F A STATE OF THE STA DO JOHN A STATE OF THE STA e Bress Kyamer wie∀ Tental Control and the second

- PERSONAL PROPERTY

Dr. Al and alder

Latt verse liferent Latt verse Fow. Latte Fow. Latter Latt u de de la company de la compa 12. COA .I ار المراجعة المرجعة المراجعة الم A STATE OF S 11.50 (1) ansigati ) in (1) 1.99.1 70% TEST IN

.1.71

. . . . . . . . . . . .

1

BORNA DISEASE -4-

ANZIL, A.P.

Transmission experimentale du virus de l'encephalomyelite de Borna: etude ultrastructurale de la maladie du lapin et etude analytique de l'infection du hamster. Transmission experiments with Borna encephalitis virus: an electron microscope investigation of the disease in rabbits and a multidisciplinary study of the infection in hamsters. English summary.

Ann. Inst. Pasteur (Paris) 123(4):537-544, 1972.

PIL

MAYR, A.

Borna virus: a new model for slow virus research.
Ann. Inst. Pasteur (Paris) 123(4):545-552, 1972.

PIL

## BOVINE MAMMILLITIS

CASTRUCCI, G., and others.\*

Study of the pathogenesis of skin lesions produced in calf by intradermal inoculation with 69/1 LO strain of bovine herpes mammillitis virus. Arch. Vet. Ital. 23(2):83-92, 1972(Engl.). Vet. Bull. 42(10):650(5800), 1972.

\*E. Di Antonio, L. Rampichini, M. Severini, B. Pedini, and C. Valente.

PIL

### CAPRINE PLEUROPNEUMONIA

CHERRY, J.D., and TAYLOR-ROBINSON, D.

Mycoplasma pathogenicity studies in organ cultures. In: N. Y. Acad. Sci. - Abstr. Conf. on Mycoplasma and Mycoplasma-like Agents of Hum., Anim. and Plant Dis., Pap. 28, 1973.

#5694

## CONTAGIOUS BOVINE PLEUROPNEUMONIA

FABRICANT, J.

The pathogenicity of bovine mycoplasmas.

In: N. Y. Acad. Sci. - Abstr. Conf. on Mycoplasma and Mycoplasma-like Agents of Hum., Anim. and Plant Dis., Pap. 34A, 1973.

#5694

McCORMACK, W.M., and others.\*

The genital mycoplasmas.

N. Engl. J. Med. 288(2):78-89, 1973.

\*P. Braun, Y.-H. Lee, J.O. Klein, and E.H. Kass.

PIL

SMITH, P.F.

Lipids of mycoplasmas.

In: N. Y. Acad. Sci. - Abstr. Conf. on Mycoplasma and Mycoplasma-like Agents of Hum., Anim. and Plant Dis., Pap. 3, 1973.

#5694

Fig. 17 The Manager

 $\mathbb{V}_{2}^{\mathcal{L}} = \mathbb{V}_{2} \qquad \qquad \mathbb{V}_{2}^{\mathcal{L}} \mathcal{N}_{2} \qquad \qquad \text{a.}$ 

Protection
 Protection
 Protection
 Protection

ago 22 - 175.67 - 177

.

Par,

25 (25) 25

137.35

Signatura de la Compania de la Comp de la Compania de la Compania

ula Eye E 87 - var

A March 1997 Comment of the Comment

AE An ... O. T. (1994) - Andrew Prosinger - Andrew -

The Victorian Control of the Control

36,000

1 1

CONTAGIOUS ECTHYMA OF SHEEP	-5-
SAWHNEY, A.N., MANOLOVA, N.H., and GAGOV, I.J.  UV-irradiation inactivated tissue culture vaccine against ecthyma contagiosum.  C. R. Acad. Bulg. Sci. 25(4):557-560, 1972(Engl.).  Vet. Bull. 42(11):707(6282), 1972.	PIL
EAST COAST FEVER	
BURRIDGE, M.J., and KIMBER, C.D. A pathogenic theilerial syndrome of cattle in the Narok District of Kenya. II. Serological studies. Trop. Anim. Health Prod. 4(4):230-235, 1972.	PII
IRVIN, A.D., and others.*  A pathogenic theilerial syndrome of cattle in the  Narck District of Kenya. I. Transmission studies.  Trop. Anim. Health Prod. h(h):220-229, 1972.  *C.G.D. Brown, M.J. Burridge, M.P. Gunningham, A.J. Musoke,  M.A. Pierce, R.E. Furnell, and D.E. Radley.	PIL
IRVIN, A.D., and others.*  The possible role of the eland ( <u>Taurotragus cryx</u> )  in the epidemiology of East Coast fever and  other bovine theilerioses.  Vet. Rec. 91(21):513-517, 1972.	
*M.A. Peirce, R.E. Purnell, and J.M. King.	PII
USKAVITCH, Robert, comp.  East Coast fever; a bibliography, 1925-1972.  Greenport, L.I., N.Y., U.S. Dep. Agric.,  Agric. Res. Serv., Plum Island Anim. Dis.  Lab., 29 p., 1972.	#8700
EPHEMERAL FEVER	
MORETTI, B. So-called bovine influenza. English summary. Arch. Vet. Ital. 23(2):135-144, 1972 (Ital.). Bibliogr. Agric. 36(11):50(110237), 1972.	P <b>I</b> L
FOOT-AND-MOUTH DISEASE	
ANON. Foot-and-mouth outbreak: B.V.A. President on importance of state veterinarians. Vet. Rec. 91(25):636, 1972.	PII
BARLOW, D.F. The effects of various protecting agents on the inactivation of foot-and-mouth disease virus in aerosols and during freeze-drying.	
J. Gen. Virol. 17(3):281-288, 1972.	PII

111 1147 - 14 The server of the second (A MENTAL A CO A CONTRACTOR OF THE STATE OF TH · FEFERENCE · 12 2 1 Market in the second of the se A COLOR DE LA COLO 200 - 1 i esetă în în în în ên juli în Si îst al în îndedepențion î Ligi dinenii în seu sii a di da la cominanti. Tipo di alla di peri The state of the s Editor Charles Carles the TELE Street Carles S TEST E Ti 1001 ing Wyn (1995) Sing mine Di Sing ed Justin Holland English Holl 1.

PIL

BÖHM, H.O. Die Maul- und Klauenseuche als Erkrankung des Menschen. / Foot-and-mouth disease in man. / Ber. 9 Kongr. Dtsch. Veterinärmed. Ges., Bad Nauheim 25-27 März 1971, p. 140-144. Berlin & Hamburg, Paul Parey, 1972(Ger.). Index Vet. 40(10):90, 1972. PIL BOLDRINI, G.M. Survey of virus C outbreaks in eastern Europe. Trip to Yugoslavia, Hungary and Romania 14-22 November 1972. In: Eur. Comm. Control Foot-and-Mouth Dis., Inf. Circ. No. 1, AGAH 2009, AN 15/1, #6178 6 p. Rcme, 1972. FAVRE, H., and others. A new combined vaccine against brucellosis, foot and mouth disease and rabies. Unpubl., 12 p., 11 tables, 1972. \*L. Valette, D. Fargeaud, F. Perrenot, P. Precausta, #6169 J. Terre, and J. Fontaine. FRESCURA, T., FIORONI, A., and BALDONI, A. Inattivazione dei virus aftosi con etil-etilenimina e preparazione dei vaccini monovalenti e trivalente, per la immunizione dei suini. / Inactivation of foot-and-mouth disease virus by ethylethyleneimine and the preparation of monovalent and trivalent vaccines for pigs. / Arch. Vet. Ital. 23(3):241-256, 1972 (Ital.). Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 11(12):202, 1972. SF 793 W4 GAGLIARDI, G., and ZOLETTO, R. La vaccinazione anti-aftosa dei vitelli. / Foot-andmouth disease (FMD) vaccination in calves. / Vet. Ital. 23(5-6):314-327(Ital.); 328-332(Engl.), 1972. PIL GOMES, I., ALONSO FERNANDEZ, A., and MELLO, P. Auge de Foot-and-mouth disease circulating antibodies in convalescent cattle. Bull. Off. Int. Epizoot. 77(5-6):731-741, 1972. PIL HEDGER, R.S, CONDY, J.B., and GOLDING, S.M. Infection of some species of African wild life with foot-and-mouth disease virus. J. Comp. Pathol. 82(4):455-461, 1972. PIL KALMAR, E., and PELEG, B.A. Non-specific neutralizing activity of bovine sera

against various types of foot and mouth disease virus. I. Sera of adult cattle.

Refu. Vet. 29(3):85-91, 1972.

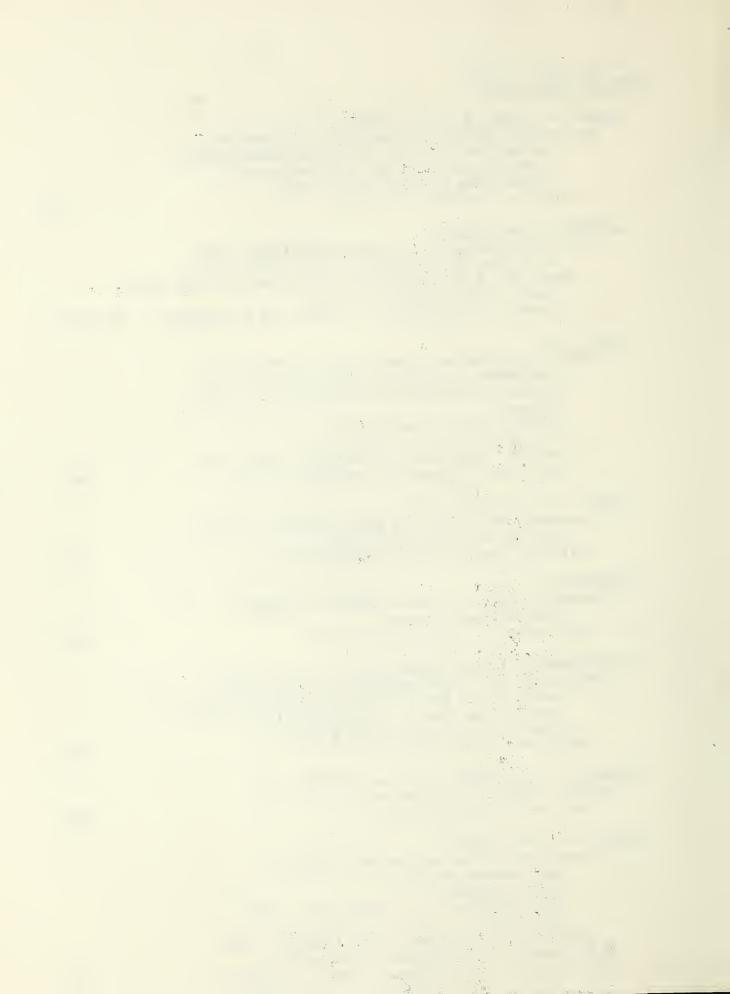
Colorano Pingeros de ausa de grande de la disa. Nomacinamo y Ville de colorano de la colorano. Villa de la libera de la Colorano de la Colorano. Prodeficial on China to Action 1 10000 1.45 100000 3000 100000 10000 i maliones averes a cur 14/14 117 al orași Al orași Santa (1888) , এব সংক্রমী বিবাহ করে ১৮ 🐪 🖫 aukorowa i Joseph Rima S 4 70 G 2044. Burto Waxii pair resi o dempe o scala o de objecto de o en de la companya de Entre la companya de On Jackson Sylvania (MES) SET OF BUREAU ST ALLEGE Garage 1000 ga Mili odilar kan jerindir ka が確認。 Page American 表でもなる 180 indicular Lincologies Monochistic Ponce Byo 3.1. 1.3 eli de la companya de Control of the contro

PIL

KALMAR, E., PELEG, B.A., and MODAN, M. Non-specific neutralizing activity of bovine sera against various types of foot and mouth disease virus. II. Genetic control of non-specific neutralizing activity in calf sera. Refu. Vet. 29(3):91-102, 1972. PIL LAZARUS, L., and others.\* On the architecture of foot-and-mouth disease virus. Rev. Roum. Inframicrobiol. 8(3):205-206, 1971. Abstr. in: Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 11(12):197(72/222), 1972. \*U. Olshevsky, S. Cymbalista, G. Einav, and N. Goldblum. SF 793 W4 PINTO, A.A. Estudos quantitativos sobre a reacao de fixacao do complemento na fiebre aftosa. Padronizacao da reacao pela tecnica de Wadsworth Maltaner and Maltaner. -- Thesis, Ph.D., Inst. Biomed. Sci., Univ. Sao Paulo, 120 pp., 1972(Port.). Cited in: Foot-and-Mouth Dis. Ref., Anim. Virus Res. Inst. (Pirbright), December 1, 1972. REF. SADANA, J.R., and KALRA, D.S. A peracute form of foot and mouth disease in pigs. Haryana Vet. 10(1):17-19, 1971. Bibliogr. Agric. 36(11):51(110337), 1972. PIL SETHURAMAN, V. Treatment of foot and mouth disease in bovines with 'Collosol Iodine'. Indian Vet. J. 49(8):839-841, 1972. PIL SHESTOCHENKO, M.A., and KAREV, V.P. Detection of some viral antigens in cells of bone marrow (using the fluorescent antibody technique). Veterinariya (Mosc.) (8):43-44, 1972 (Russ., colour plate facing p. 64). Index Vet. 40(11):116, 1972. PIL SMITH, L.P., HUGH-JONES, M.E., and JACKSON, O.F. Weather conditions and disease. Vet. Rec. 91(25):642, 1972. PIL SOBKO, A.I., and others.\* L'identification des souches epizootiques du virus aphteux en U.R.S.S. English summary. Pres. 13th Conf. O.I.E. Perm. Comm. FMD, Paris, 1972.

Bull. Off. Int. Epizoot. 77(5-6):913-927, 1972.

\*L.N. Sokolov, A.I. Gritsenko, I.F. Nesterova, V.N. Prokhorov, I.A. Tcherniaev, and V.I. Rodionov.



TALBOT, P.

Structural proteins of foot-and-mouth disease virus.

--Thesis, Ph.D., Univ. Reading, pp., 1972.

Cited in: Foot-and-Mouth Dis. Ref., Anim. Virus
Res. Inst. (Pirbright), December 1, 1972.

REF.

TERRE, J., and others.\*

Les vaccins veterinaires associes ayant un composant antirabique.

Unpubl., 14 p., 8 tables, 1972.

\*Precausta, Soulebot, Moreau, Brun, Fontaine, Favre, Chappuis, Fargeaud, Moreau, Perrenot, Valette, Theilleux, Bonneau, Mougeot, and Stellmann.

#6170

U.S.D.A. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

VETERINARY SERVICES. EMERGENCY PROGRAMS.

Foreign animal diseases report, December 1972. (FMD-Outbreak-Hungary, Romania, Yugoslavia.)

CIRC.FILE

WITHMANN, G.

Frühe Stadien der Immunität nach Impfung von Schweinen mit einer Maul- und Klauenseuche DEAE-Dextran-Vakzine. / Early stages of immunity after inoculation of pigs with a foot-and-mouth disease DEAE dextran vaccine. / English summary.

Zentralbl. Veterinarmed., Reihe B 19(5):406-411, 1972.

Abstr.in: Foot and Mouth Dis. Bull. (Wellcome Res. Labs., PIL Kent) 11(12):195(72/219), 1972.

SF 793 W4

ZHUKOVA, I.N., and ONUFRIEV, V.P.

Index Vet. 40(11):126, 1972.

Izuchenie virusonositel'stva u ovets pri yashchure.

/ Virus carriage in foot and mouth disease
in sheep. /
In: Aktual. Vopr. Vet. Virusol., Tom 2,
p. 139-140. Mosc., USSR, Mosc. Vet.
Acad., 1967 (Russ., NLL Ref. No. R
69468).

PIL

## FOWL PLAGUE

WORLD HEALTH ORGANIZATION. VETERINARY PUBLIC HEALTH.
Summary of consultations on influenza in animals,
Geneva - 4 & 5 January 1973.
WHO, Mimeogr. copy, 17 p., Ref.: Z2/180/11 and
Z2/87/5, January 10, 1973.

#6805/10

## LOUPING ILL

DOHERTY, P.C., VANTSIS, J.T., and HART, R. Louping-ill encephalomyelitis in the sheep. VI. Infection of the 120-day foetus. J. Comp. Pathol. 82(4):385-392, 1972.

PIL

Lardy Hadda-lar / E

AG.

s tike a selection of the selection of med - take to nuonin ( ) E**tt** Timate ( ) ett (f. 1919) in dige fi New Little (1918) de en de la La períodica La Colonia The state of the s runnegration (in the control of the

OEVER LANE E Second Colors S Second Second : W...

317 9 (27 ) 2**3** (4) S. 1844 Edge 

1500 -

ses. Single SeV and

CHAIR OF CHAIL Cast Cartago (Castas) 1 124 Type - 1242 - 1

> of the second 10000 \* \* \*

J. -

4

LOUPING ILL

USKAVITCH, Robert, comp. Louping-ill virus; a bibliography, 1925-1972. Greenport, L.I., N.Y., U.S. Dep. Agric., Agric. Res. Serv., Plum Island Anim. Dis. #8701 Lab., 29 p., 1972. RIFT VALLEY FEVER HENDERSON, B.E., and others.\* Arbovirus epizootics involving man, mosquitoes and vertebrates at Lunyo, Uganda, 1968. Ann. Trop. Med. Parasitol. 66(3):343-355,1972(Engl.). Index Vet. 40(11):93, 1972. \*A.W.R. McCrae, B.G. Kirya, Y. Ssenkubuge, and S.D.K. Sempala. PIL RINDERPEST EL HAG ALI, Babiker Production of tissue culture attenuated rinderpest vaccine in the Sudan. Sudan J. Vet. Sci. Anim. Husb. 12(2):90-98, 1971. PIL HÜTTIG, A. / Rinderpest. 7 Die Rinderpest. Rundsch. Fleischbeschauer Trichinenschauer 24(1):3-4, 1972 (Ger.). Index Vet. 40(11):95, 1972. PIL JANISZEWSKI, J. Zwalczanie ksiegosuszu w Krolestwie Polskim w drugiej polowie XIX wieku. / Control of rinderpest in Poland in the second half of the 19th century. / Med. Weter. 28(4):245-246, 1972 (Pol.). Index Vet. 40(10):109, 1972. PIL SINGH, S.N. Application of passive haemagglutination test in diagnosis of rinderpest. Indian Vet. J. 49(8):759-760, 1972. PIL SINGH, S.N. A passive haemagglutination test to detect rinderpest virus in spleen and blood. Indian Vet. J. 49(9):888-889, 1972. PIL THEIN, P., and others.\* Subacute sclerosing panencephalitis: transmission of the virus to calves and lambs. Unpubl., 19 p., 3 tables, 2 figs., / 1972/. \*A. Mayr., V. ter Meulen, H. Koprowski, Y.M. Käckell, D. Müller, and R. Meyermann. #6173

335 SAT / It · Journal -4. (9.) (1.) (4.) (4.) 10 CTAL. id di 517 T N 200 Jan 1982 e de Santa de Calabra. La facilita de Calabra de Calabra. mile sim Le lestingers asset CEENS COLLEGIS and rude make .संपर्काः 🕡 200 39 3

a simplifica

alle and a a 277327.72 a dila.

Le J. P. C. Seller ្សា ស្មារស្រា អតីប្រាប់ with Mo 2. MV.

ED.

II

```
ADAMS, D.H.
   Studies on DNA from normal and scrapie-affected
         mouse brain.
         J. Neurochem. 19(8):1869-1882, 1972.
      Index Vet. 40(10):85, 1972.
                                                                     PIL
ALPER, T.
   The nature of the scrapie agent.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:154-155, 1972.
      In: Host-Virus React. with Spec. Ref. to Persistent
           Agents, p. 154-155, ed. by G. Dick. London,
                                                            RC 114.5 R6
           / Br. Med. Assoc. /, 158 p., illus., 1972.
BARLOW, R.M.
   Transmissible mink encephalogathy: pathogenesis
         and nature of the aetiological agent.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:102-109, 1972.
      In: Host-Virus React. with Spec. Ref. to Persistent
           Agents, p. 102-109, ed. by G. Dick. London,
           / Br. Med. Assoc. /, 158 p., illus., 1972.
                                                            RC 114.5 R6
DICKINSON, A.G., and FRASER, H.
   Scrapie: effect of Dh gene on incubation period
         of extraneurally injected agent.
         Heredity 29(1):91-93, 1972.
      Bibliogr. Agric. 36(12):56(120981), 1972.
                                                                     PIL
GAJDUSEK, D.C.
   Spongiform virus encephalopathies.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:78-83, 1972.
      In: Host-Virus React. with Spec. Ref. to Persistent
           Agents, p. 78-83, ed. by G. Dick. London,
           / Br. Med. Assoc. /, 158 p., illus., 1972.
                                                        RC 114.5 R6
GIBBS, C.J., Jr., and GAJDUSEK, D.C.
   Amyotrophic lateral sclerosis, Parkinson's disease,
         and the amyotrophic lateral sclerosis-
         Parkinsonism-dementia complex on Guam: a
         review and summary of attempts to demonstrate
         infection as the aetiology.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:132-140, 1972.
      In: Host-Virus React. with Spec. Ref. to Persistent
           Agents, p. 132-140, ed. by G. Dick. London,
           ∠ Br. Med. Assoc. /, 158 p., illus., 1972.
                                                         RC 114.5 R6
GIBBS, C.J., Jr., and GAJDUSEK, D.C.
   Isolation and characterization of the subacute
         spongiform virus encephalopathies of man:
         kuru and Creutzfeldt-Jakob disease.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.), 6:84-96,1972.
```

In: Host-Virus React. with Spec. Ref. to Persistent Agents, p. 84-96, ed. by G. Dick. London,

/ Br. Med. Assoc. /, 158 p., illus., 1972.

RC 114.5 R6

tropic state design to 14 m - 3.1 12 4 F . \_ 00

```
HUNTER, G.D.
   Membrane hypothesis of scrapie.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:152, 1972.
      In: Host-Virus React. with Spec. Ref. to Persistent
           Agents, p. 152, ed. by G. Dick. London,
           /Br. Med. Assoc. /, 158 p., illus., 1972.
                                                              RC 114.5 R6
HUNTER, G.D., MILLSON, G.C., and HEITZMAN, R.J.
   The nature and biochemical properties of the
         scrapie agent.
      Ann. Inst. Pasteur (Paris) 123(4):571-583, 1972.
                                                                      PIL
JOUBERT, L., and others.*
   An epidemic of scrapie in sheep in Provence; on latent
         virus definition and comparative pathology.
         English summary.
         Bull. Soc. Vet. Med. Comp. (Lyon) 74(2):165-184,
         1972 (Fr.).
      Bibliogr. Agric. 36(11):53(110440), 1972.
   *M. Lapras, J. Gastellu, M. Prave, and D. Laurent.
                                                                      PIL
LAVELLE, G.C.
   Large fraction of scrapie virus resistant to
         lipid solvents.
      Proc. Soc. Exp. Biol. Med. 141(2):460-462, 1972.
                                                                      PIL
MACKENZIE, A.
   Applied enzyme histochemistry in scrapie.
         Diss. Abstr. Int. B Sci. Eng. 32B(12):6760-6761,
         1972 (Engl.).
      Vet. Bull. 42(11):707(6283), 1972.
                                                                      PIL
OUTRAM, G.W.
   Changes in drinking and feeding habits of mice
         with experimental scrapie.
      J. Comp. Pathol. 82(4):415-427, 1972.
                                                                      PIL
PATTISON, I.H.
   Scrapie — a personal view.
         J. Clin. Pathol. 25, Suppl. (R. Coll. Pathol.),
         6:110-114, 1972.
      In: Host-Virus React, with Spec. Ref. to Persistent
           Agents, p. 110-114, ed. by G. Dick. London,
           / Br. Med. Assoc. /, 158 p., illus., 1972.
                                                              RC 114.5 R6
SCHWARTZ, J., and ELIZAN, T.S.
   Further characterization of suckling mouse cataract
         agent (SMCA): a slow, persistent infection
         of the nervous system.
      Proc. Soc. Exp. Biol. Med. 141(2):699-704, 1972.
                                                                      PIL
THOMPSON, J.R.
   Occurrence of scrapie in Swaledale ewes on
         Dargues Hope/Dargues Farm Unit.
```

Redesdale Exp. Husb. Farm Annu. Rev. 4:92, 1971.

PIL

Bibliogr. Agric. 36(12):58(121119), 1972.

Security of the security of th 5 7 July 27 ing the first section of the section a de TT 

1.5

And the second of the second o

-12-SHEEP POX EL-DAHABY, H., and others.\* Agar-gel immunodiffusion test as an aid in diagnosis of sheep, fowl and pigeon pox diseases. J. Egypt. Vet. Med. Assoc. 31(1/2):1-6,1971(Engl.). Vet. Bull. 42(11):703(6239), 1972. \*A.H. El-Sabbagh, M.I. Nassar, J. Kamel, A.M. Fadly, PIL and M. Kamel. TESCHEN DISEASE EDINGTON, N., CHRISTOFINIS, G.J., and BETTS, A.O. Pathogenicity of Talfan and Konratice strains of Teschen virus in gnotobiotic pigs. J. Comp. Pathol. 82(4):393-399, 1972. PIL WATANABE, H., POSPISIL, Z., and MENSIK, J. Influence of colostral antibodies to the infection with avirulent Teschen disease virus (Z strain). Jap. J. Vet. Sci. 34(4):183-190, 1972. PIL VENEZUELAN EQUINE ENCEPHALOMYELITIS ANON. VEE emergency ended. J. Am. Vet. Med. Assoc. 162(2):98-99, 1973. PIL ANON. Venezuelan encephalitis. Lancet I(7793):29-30, 1973. PIL DIVO, A., and ARENAS, J.V. Estudio de la accion oncolitica del virus de la encefalitis equina venezolana. / Oncolytic action of the virus of Venezuelan equine encephalitis. / Rev. Med. Vet. Parasitol. (Maracay) 22(1-8): 75-79, 1967/68 (Span., engl.). Index Vet. 40(11):85, 1972. PIL GRAYSON, M.A., and GALINDO, P. Experimental transmission of Venezuelan equine encephalitis virus by Deinocerites pseudes Dyar and Knab, 1909. J. Med. Entomol. 9(3):196-200, 1972 (Engl.). Vet. Bull. 42(11):704(6253), 1972. PIL HOFF, G.L., and TRAINER, D.O. Experimental infection of Venezuelan equine encephalomyelitis virus in white-tailed deer. Am. J. Epidemiol. 96(5):379-382, 1972. PIL JOUBERT, L., OUDAR, J., and PRAVE, M. A threatening arbovirosis: Venezuelan equine encephalomyelitis. English summary.

Rev. Med. Vet. (Toulouse) 123(7):901-911, 1972 (Fr.).

PIL

Bibliogr. Agric. 36(11):56(110573), 1972.

The state of the s The many difference of the second of the sec \$ ... \*\* <del>\*\*</del> \*\*\* Jan 1998 Typ L . 19 / 8 1 HEALTH AND THE TOTAL TOT 1) I = 1. 200 A STATE OF THE STA Agricust. Maria Baran and the second 1、少数类型的 1 og state of the st ren i Europe 5 L. C. 12 - 10 年 - 10 日本 - 10 33

KNOWLES, R.C., and others.\* Venezuelan equine encephalomyelitis (VEE) in the United States of America: 1971 epizootic. English summary. Cah. Med. Vet. 41(4):145-154, 1972 (Fr.). Bibliogr. Agric. 36(11):51(110287), 1972. \*R.E. Omohundro, J.L. Hourrigan, H.E. Metcalf, A.R. McLaughlin, and B. Mathis. PIL LEONT'EVA, N.A., and others.\* Combined use of interferon and certain styrylquinolines in cell culture and in experimental arbovirus infection. Vopr. Virusol. 17(4):482-485, 1972 (Russ.). Chem. Abstr. 77(25):68(160599v), 1972. \*A.N. Fomina, Z.V. Idrisova, A.K. Shubladze, and G.A. Galegov. PIL MIRYUTOVA, T.L., and PESHKOVA, E.A. Activity of some glycolysis enzymes in the liquid phase of tissue cultures infected with Venezuelan equine encephalomyelitis virus. English abstract. Vorp. Virusol. (6):717- , 1972 (Russ.). Curr. Contents-Life Sci. 16(4):78, 1973. PIL MULHERN, F.J. U.S. agencies cited for roles in VEE fight. Iowa Vet. 43(4):8-9, 1972 (Engl.). Index Vet. 40(11):106, 1972. PIL NOVOKHATSKII, A.S., and GRIGORYAN, S.S. Reaction of the medium and the presence of the cation exchanger DEAE-dextran in it as factors determining the level of production of Venezuelan equine encephalomyelitis virus. Vopr. Med. Virusol. (11):37-40, 1971 (Russ.). Chem. Abstr. 78(1):54-55(608q), 1973. PIL PAN AMERICAN HEALTH ORGANIZATION. Venezuelan encephalitis; proceedings of the workshopsymposium on Venezuelan encephalitis virus, Wash., D.C., September 1971. Wash., D.C., Pan Am. Health Organ., xiii, 416 p., illus. (Sci. Publ. No. 243), 1972. (NOTE: PIADL-Library catalogued 44 papers presented SF 809.V2 P18 at this workshop.) TAZULAKHOVA, E.B., and ERSHOV, F.I. Interferon action. Antibiotiki 17(10):940-945, 1972 (Russ.). Chem. Abstr. 78(3):16-17(11497d), 1973. PIL

UNITED STATES DEPARTMENT OF AGRICULTURE.

VEE threat in '72.

Iowa Vet. 43'(4):4-7, 1972 (Engl.).
Index Vet. 40(11):121, 1972.
PIL

e.N -1 (HEV) - if . M grown reacht time to the conor in the factor of the control of t IT9 TE (C) 1 · (4**)**(4**)**( [2](4)(4) POLICE STATE ie Eat .Y. 31 \$17 × 6 1.3 00 4.75 

a THE BUILDING

FT.

	<b>7.</b> ).
VENEZUELAN EQUINE ENCEPHALOMYELITIS	-14-
VILLEGAS DELAGADO, M.	
Venezuelan equine encephalomyelitis: history, development and control measure, particularly	
those concerning Venezuela.	
English summary.	
Cah. Med. Vet. 41(4):155-168, 1972 (Fr.).	D <b>T</b> T
Bibliogr. Agric. 36(11):51(110288), 1972.	PIL
VILLEGAS DELGADO, M.	
Venezuelan equine encephalomyelitis, its	
development and control in Venezuela.  Rev. Vet. Venez. 32(187):98-122, 1972 (Span.).	
Bibliogr. Agric. 36(11):56(110578), 1972.	PIL
VESICULAR STOMATITIS VIRUS	
CAIRNS, J.E., HOLLOWAY, A.F., and COPMACK, D.V.	
Temperature-sensitive mutants of vesicular	
stomatitis virus: in vitro studies of virion-associated polymerase.	
J. Virol. 10(6):1130-1135, 1972.	PIL
FAIRCHILD, G.A.  Measurement of respiratory volume for virus	
retention studies in mice.	
Appl. Microbiol. 24(5):812-818, 1972.	PIL
FIELD, A.K., and others.*	
Demonstration of double-stranded ribonucleic	
acid in concentrates of RNA viruses.	
Proc. Soc. Exp. Biol. Med. 141(2):440-444, 1972.	T) WY
*G.P. Lampson, A.A. Tytell, and M.R. Hilleman.	PIL
GRANDGENETT, D.P., GERARD, G.F., and GREEN, M.	
Ribonuclease H: a ubiquitous activity in virions	
of ribonucleic acid tumor viruses.  J. Virol. 10(6):1136-1142, 1972.	PIL
20 121021 20(0).2230 2212, 25124	142
GRAVELL, M., and CROMEANS, T.L.	
Inhibition of early viral ribonucleic acid synthesis in interferon-treated cells	
infected with frog polyhedral cytoplasmic	
deoxyribovirus.	
Virology 50(3):916-919, 1972.	P <b>I</b> L
KELLEY, J.M., EMERSON, S.U., and WAGNER, R.R.	
The glycoprotein of vesicular stomatitis virus	
is the antigen that gives rise to and reacts with neutralizing antibody.	
J. Virol. 10(6):1231-1235, 1972.	PIL
LEVINSON, W., and others.*	
Inhibition of RNA-dependent DNA polymerase of Rous	
sarcoma virus by thiosemicarbazones and several cations.	
Proc. Natl. Acad. Sci. U.S.A. 70(1):164-168, 1973.	PIL
*A. Faras, B. Woodson, J. Jackson, and J.M. Bishop.	ד דד

erideki jakkils a The secretary of the second A PARTILLY Level appearance espects on the level specific and services of the services of ALAUS**ICE** magnetic to the first state of the same state of menter i kanala kanala sa dari TI Company of the compan And the same of th 577 DEMINAL! 424 1 क्षा प्राचन सक्कार विकास के किसी 800. · The supplies to the second

nd.... Bi

SICULAR STOMATTIS VIRUS	-15-
LEY, K.D.  Equine interferon: characterization and relationship to infectious anemia of horses.  Diss. Abstr. Int. B Sci. Eng. 30B:4505, 1970.  Vet. Bull. 41(4):278(1715), 1971.	P <b>I</b> L
MARTELLY, I., BAILEY, D.W., and DE MAEYER-GUIGNARD, J. Poids moleculaires de l'interferon serique induit par le virus de la maladie de Newcastle dans des lignees de souris hautes et basses pro- ductrices. / Molecular weights of serum interferon induced by Newcastle disease virus in high and low producer mice. / English summary. Ann. Inst. Pasteur (Paris) 123(6):835-848, 1972.	P <b>I</b> L
MENTKEVICH, L.M., and others.*  Effect of heparin on interferon induction and interference caused by a virus or synthetic polynucleotide.  Vopr. Virusol. 17(4):401-404, 1972 (Russ.).  Chem. Abstr. 77(25):59(160500f), 1972.  *L.V. Zhdanova, T.G. Orlova, and V.D. Solov'ev.	PIL
MILLER, R.L., and PLAGEMANN, P.G.W.  Purification of mengovirus and identification of an A-rich segment in its ribonucleic acid.  J. Gen. Virol. 17(3):349-353, 1972.	P <b>I</b> L
NAGANO, Y., and MAEHARA, N.  Enhancement of endotoxin-induced virus-inhibiting factor or interferon production by pretreat- ment of the rabbit with Newcastle disease virus.  Jap. J. Microbiol. 16(5):397-402, 1972.	P <b>I</b> L
SCHEID, A., and others.*  Isolation of paramyxovirus glycoproteins.  Association of both hemagglutinating and neuraminidase activities with the larger SV5 glycoprotein.  Virology 50(3):640-652, 1972.  *L.A. Caliguiri, R.W. Compans, and P.W. Choprin.	P <b>I</b> L
SIDWELL, R.W., and others.*  Broad-spectrum antiviral activity of Virazcle:  1-B-C-ribofuranosyl-1,2,4-triazole-3- carboxamide.  Science (Wash., D.C.) 177(4050):705-706, 1972.  *J.H. Huffman, G.P. Khare, L.B. Allen, J.T. Witkowski, and R.K. Robins.	PIL
SOLOV'EV, V.D., and others.*  Bone marrow interferon of mice.  Byull. Eksp. Biol. Med. 73(5):74-77, 1972 (Russ.).  Chem. Abstr. 77(25):279(162958k), 1972.  *L.M. Mantkevich, O.N. Shcheglovitova, and T.G. Orlova.	PIL
Dienestoriona, and 1.4. Ottova.	الطباط الل

COLGE

h:13 f e. ne to disc TRACE ougainten aus Garerest ob e. .en i we e... Naddin. 17 1 de Loron de Augusta Loron de Augusta de August Augusta de Sa 12. e i (evo fr. adit i brem F to High ester . . 91 4 95 31. 33. 3. 71. 1

trep.

TT

VESICULAR STOMATITIS VIRUS SOLOVYOV, V.D., and others.\* Serum and bone marrow interferons in radiation chimeras. Acta Virol. 16(5):382-387, 1972. \*L.M. Mentkevich, T.G. Orlova, I.I. Georgadze, A.M. Amchenkova, and L.V. Zhdanova. PIL SPINA, C.A., and others.\* Interferon production by human cells in vitro. Appl. Microbiol. 24(5):735-741, 1972. PIL \*R. S. Chang, L. Mishra, and H.D. Golden. WAGNER, R.R., and others.\* Classification of rhabdovirus proteins: a proposal. J. Virol. 10(6):1228-1230, 1972. \*L. Prevec, F. Brown, D.F. Summers, F. Sokol, and R. MacLeod. PIL WIKTOR, T.J., and CLARK, H.F. Chronic rabies virus infection of cell cultures. Infect. Immun. 6(6):988-995, 1972. PIL WILD, T.F. Replication of vesicular stomatitis virus: the effect of purified interfering component. J. Gen. Virol. 17(3):295-305, 1972. PIL WONG, P.K.Y., HOLLOWAY, A.F., and CORMACK, D.V. Characterization of three complementation groups of vesicular stomatitis virus. Virology 50(3):829-840, 1972. PIL ZEE, Y.C., and others.\* Characteristics and viral susceptibility of an embryo cell line from Marmosa mitis. Proc. Soc. Exp. Biol. Med. 141(2):559-563, 1972. \*R.F. Pritchett, H.G. Wolfe, and M. Shifrine. PIL VISNA DISEASE COWARD, J.F., and others.\* Ferritin-conjugated antibody labeling of visna virus. Virology 50(3):925-930, 1972. \*D.H. Harter, K.C. Hau, and C. Morgan. PIL PALSSON, P.A. Maedi.-visna. J. Olin. Pathol. 25, Supri. (R. Cell. Pathol.), 6:115-120, 1972. In: Host-Virus React, with Spec. Ref. to Persistent Agents, p. 115-120, st. by G. Dick. London, \_ Br. Med. Assoc. 1, 158 p., illus., 1972. RC 114.5 R6

ROSENKRANZ, H.S.

Rifampicin and multiple sclerosis. Lancet II(7791):1370, 1972.

PIL

out and the second of the seco The state of the s - . J. . 774 1 11 The second of th 

ing a second control of the second control o 1.1 (38) (1.14) -(1.15) [1.15] (1.15) [1.15] (J.

EIV

.04

(1) (1) 10 (1) (명 (함) (1) (4) 7, 11 071

Tyd.

and i

VISNA DISEASE	-17-
VAN DER MAATEN, M.J., BOOTHE, A.D., and SEGLR, C.L. Isolation of a virus from cattle with persistent lymphocytosis.	
J. Natl. Cancer Inst. 49(6):1649-1657, 1972.	PIL
ISCELLANEOUS	
ALLISON, A.C.  Immunity and immunopathology in virus infections.  Ann. Inst. Pasteur (Paris) 123(4):585-608, 1972.	PIL
BRZOSKO, W.J., MANTYJARVI, R.A., and MADALINSKI, K. Sturcture of Australia antigen. Acta Virol. 16(5):440-443, 1972.	PIL
JOHNSON, D.W., and MUSCOPLAT, C.C.  Detection of hydrogen peroxide in mycoplasma organisms frequently isolated from domesticated animals.  Am. J. Vet. Res. 33(12):2593-2595, 1972.	P <b>I</b> L
"OBERG, B.F., and SHATKIN, A.J. Initiation of picornavirus protein synthesis in ascites cell extracts. Proc. Natl. Acad. Sci. U.S.A. 69(12):3589-3593, 1972.	PIL
POLSON, A., and PARKER, J.R.  Preparation of Australia antigen free human albumin with polyethylene glycol.  Prep. Biochem. 3(1):31-45, 1973.	PIL
SANGRET, M., VRTIAK, O.J., and KAPITANCIK, B. Use of DEAE-cellulose in testing disinfectants. Acta Virol. 16(5):444, 1972.	PIL
YEH, J., and IWASAKI, Y. Isolation and characterization of subacute sclerosing panencephalitis virus nucleocapsids. J. Virol. 10(6):1220-1227, 1972.	PIL

1 .i.t digo: Same SMITH e DEA C. Samble is in the control of the con No. 1 (1894) - C. M. Archaelle Achaelle 17 C. C. The first subject of the subject of .01 ing - ar soire I MOMIL MAGN 57 PROPER made C in Mills of the state of the st -) · · 47.55 - <del>1991</del> - 1 · Chirtz and the second of the in a. it property and all un escri documente de la la tribución de la tr TOURDED A. D. D. O. D. D. SERVINE.

TO SERVINE TO SERVINE.

TO SERVINE TO SERVINE.

TO SERVINE TO SERVINE. NOTE TO CONTRACT T esi - Evalifica ora The state of the s